

# Converting Colors

Hex(91AAC4)

Have a look what the booklet for  
Hex(91AAC4) contains.

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# **Color**

**Hex(91AAC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91AAC4
RGB	145, 170, 196
RGB Percent	57%, 67%, 77%
CMY	0.4314, 0.3333, 0.2314
CMYK	0.26, 0.13, 0.00, 0.23
HSL	211°, 30%, 67%
HSV	211°, 26%, 77%
XYZ	36.0156, 38.7547, 57.8067
YIQ	165.4890, -23.2460, 2.7860

# Conversions

## Conversions Part 2

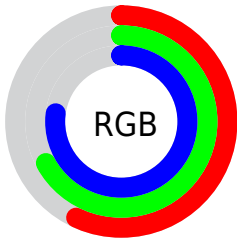
Format	Color
<a href="#">RYB</a>	<a href="#">145, 162, 196</a>
Decimal	<a href="#">9546436</a>
CIELab	<a href="#">68.57, -2.72, -16.13</a>
CIELCh	<a href="#">69, 16.358, 260.414</a>
Yxy	<a href="#">38.7547, 0.2717, 0.2923</a>
Android (android.graphics.Color)	<a href="#">4287736516 (0xFF91AAC4)</a>
YUV	<a href="#">165.4890, 15.0419, -17.9689</a>
Hunter-Lab	<a href="#">62.2533, -5.6751, -11.4778</a>

# Details

The Hex color **91AAC4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C4AB91**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C8E1FD**, and **5D768E** is the 20% darker color. If you saturate the color by 10%, you get **7DA0C4**, and if you desaturate by 10%, it is **A5B4C4**.

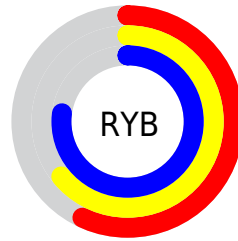
# Distribution



Red (57%)

Green (67%)

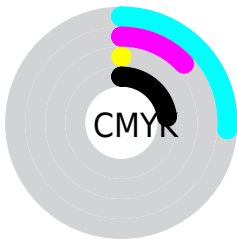
Blue (77%)



Red (57%)

Yellow (64%)

Blue (77%)

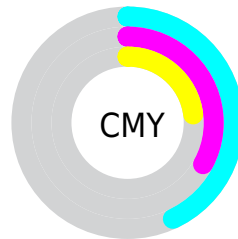


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (43%)

Magenta (33%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91AAC4 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 91AAC4 by changing the saturation by 10% instead.



■ 91AAC4

■ 91AAC4

FFFFFF

■ 7790A9

■ C8E1FD

■ 5D768E

■ E4FEFF

■ 455D75

■ 2C465C

■ 143044

■ 001B2E

■ 00011A

■ 000000

■ 91AAC4

■ 91AAC4

7DA0C4

A5B4C4

6A96C4

B8BEC4

568CC4

CCC8C4

4382C4

DFD2C4

2F78C4

F3DCC4

1B6EC4

FFE6C4

0864C4

FFF0C4

0060C4

FFFAC4

FFFFC4

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83AEBD



91AAC4



A4A5C3

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91AAC4



C79D9E



97AD94

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91AAC4



C4AB91

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A8A98B



91AAC4



C3A091

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91AAC4



C29DAD



B8A58A



88B0A2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91AAC4



B0A2BE



B8A58A



9DAC90

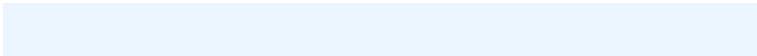


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91AAC4



EBF5FF



91C4AB



737980



000000



808080

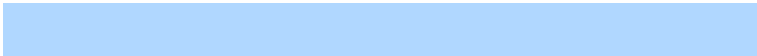


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91AAC4



B0D7FF



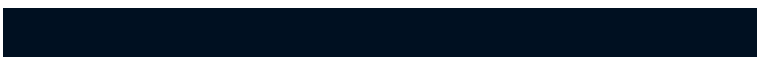
9191C4



575C61



004FA1



001021



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C491AA



FFB0D7



C4C491



61575C



A1004F

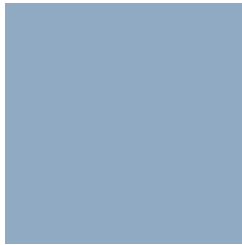


210010



# Previews

## White Background



This preview shows how the Hex color 91AAC4 looks on a white background.

## Color Contrast Check

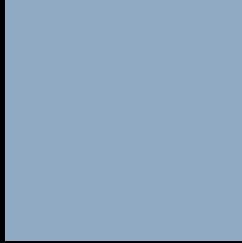
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 91AAC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

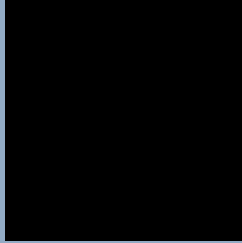
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

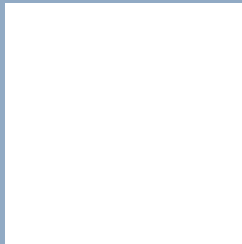
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91AAC4 Background



This preview shows how black text looks on a background with the Hex color 91AAC4.

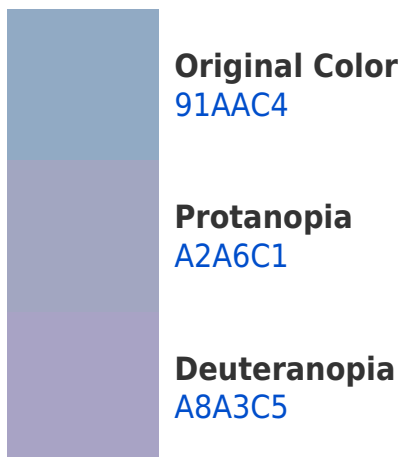


This preview shows how white text looks on a background with the Hex color 91AAC4.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

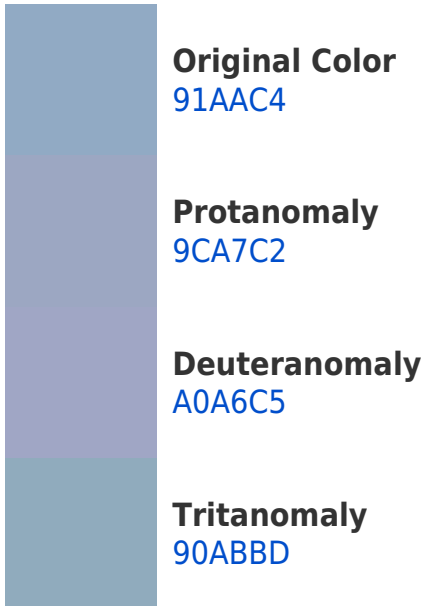
## Dichromacy



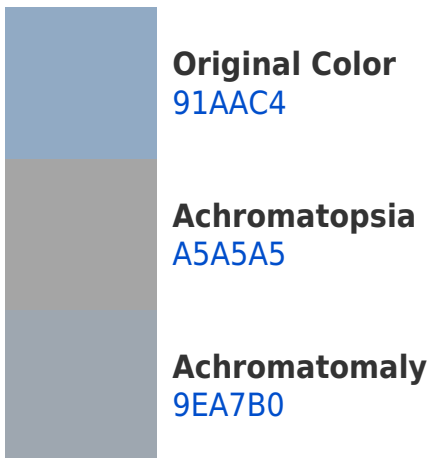


**Tritanopia**  
8FACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91AAC4 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #91AAC4 looks like.

```
.text, #text, p{  
    color:#91AAC4  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #91AAC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91AAC4
}
```

## Border

The CSS property to change the border of an element to Hex 91AAC4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91AAC4 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#91AAC4 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #91AAC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91AAC4; -webkit-box-shadow:4px 4px  
4px 4px #91AAC4; box-shadow:4px 4px 4px  
4px #91AAC4 }
```

# Background

The CSS property to change the background color of an element to Hex 91AAC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91AAC4 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#91AAC4 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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